

Form PTO-1449 U.S. Department of Commerce  
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.  
36217/US/2-475387-191

Serial No.  
10/551,735

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**  
(Use several sheets if necessary)

Applicant(s)  
Guillermo J. Tearney et al

Filing Date  
September 29, 2005

Confirmation No.  
6550

**U.S. PATENT DOCUMENTS**

| *Exam.<br>Init. | Document No. |   |   |   |   |   |   | Date              | Name                      | Class | Subclass | Filing Date<br>if Appropriate |
|-----------------|--------------|---|---|---|---|---|---|-------------------|---------------------------|-------|----------|-------------------------------|
|                 | 5            | 5 | 6 | 5 | 9 | 8 | 6 | October 15, 1996  | Knuttel*                  |       |          |                               |
| 2005            | 0            | 0 | 4 | 6 | 8 | 3 | 7 | March 3, 2005     | Izumi et al**             |       |          |                               |
|                 | 6            | 5 | 3 | 8 | 8 | 1 | 7 | March 25, 2003    | Farmer et al***           |       |          |                               |
|                 | 6            | 5 | 0 | 1 | 5 | 5 | 1 | December 31, 2002 | Tearney et al***          |       |          |                               |
| 2006            | 0            | 1 | 0 | 3 | 8 | 5 | 0 | May 18, 2006      | Alphonse et al***         |       |          |                               |
|                 | 6            | 0 | 4 | 5 | 5 | 1 | 1 | April 4, 2000     | Lutz et al*****]          |       |          |                               |
| 2004            | 0            | 1 | 5 | 2 | 9 | 8 | 9 | August 5, 2004    | Puttappa et al*****       |       |          |                               |
|                 | 5            | 2 | 1 | 2 | 6 | 6 | 7 | May 18, 1993      | Tomlinson et al.<br>***** |       |          |                               |
| 2004            | 0            | 1 | 2 | 6 | 0 | 4 | 8 | July 1, 2004      | Dave et al*****           |       |          |                               |
|                 | 6            | 7 | 3 | 8 | 1 | 4 | 4 | May 18, 2004      | Dogariu et al*****        |       |          |                               |
| 2006            | 0            | 2 | 4 | 4 | 9 | 7 | 3 | November 2, 2006  | Yun et al*****            |       |          |                               |
|                 | 5            | 7 | 4 | 8 | 3 | 1 | 8 | May 5, 1998       | Maris et al*****          |       |          |                               |
|                 | 5            | 0 | 8 | 5 | 4 | 9 | 6 | February 4, 1992  | Yoshida et al<br>*****    |       |          |                               |
|                 | 6            | 4 | 4 | 5 | 4 | 8 | 5 | September 3, 2002 | Frigo et al*****          |       |          |                               |
|                 | 5            | 6 | 3 | 5 | 8 | 3 | 0 | June 3, 1997      | Itoh *****                |       |          |                               |
|                 | 5            | 1 | 2 | 1 | 9 | 8 | 3 | June 16, 1992     | Lee*****                  |       |          |                               |
|                 | 4            | 9 | 0 | 9 | 6 | 3 | 1 | March 20, 1990    | Tan et al*****            |       |          |                               |
|                 | 4            | 8 | 9 | 0 | 9 | 0 | 1 | January 2, 1990   | Cross Jr.<br>*****        |       |          |                               |
|                 | 5            | 3 | 1 | 7 | 3 | 8 | 9 | May 31, 1994      | Hochberg et al*****       |       |          |                               |
|                 | 6            | 8 | 3 | 9 | 4 | 9 | 6 | January 4, 2005   | Mills et al*****          |       |          |                               |
|                 | 4            | 1 | 4 | 0 | 3 | 6 | 4 | February 20, 1979 | Yamashita et al<br>CE     |       |          |                               |
|                 | 5            | 9 | 1 | 2 | 7 | 6 | 4 | June 15, 1999     | Togino CE                 |       |          |                               |

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|--|------|---|---|---|---|---|---|---|--------------------|-------------------------------|--|--|--|
|  |      | 3 | 0 | 9 | 0 | 7 | 5 | 3 | May 21, 1963       | Matuszak et al<br>CE          |  |  |  |
|  | 200  | 5 | 0 | 3 | 5 | 2 | 9 | 5 | February 17, 2005  | Bouma et al<br>CE             |  |  |  |
|  |      | 3 | 8 | 7 | 2 | 4 | 0 | 7 | March 18, 1975     | Hughes CEE                    |  |  |  |
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|  |      | 4 | 2 | 2 | 4 | 9 | 2 | 9 | September 30, 1980 | Furihata CEECE                |  |  |  |
|  |      | 4 | 6 | 5 | 0 | 3 | 2 | 7 | March 17, 1987     | Ogi CEECE                     |  |  |  |
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|  |      | 6 | 4 | 7 | 5 | 1 | 5 | 9 | November 5, 2002   | Casscells et al<br>CECE       |  |  |  |
|  | 2002 | 0 | 1 | 8 | 3 | 6 | 2 | 3 | December 5, 2002   | Tang et al<br>CECE            |  |  |  |
|  | 200  | 3 | 0 | 2 | 8 | 1 | 1 | 4 | February 6, 2003   | Casscells, III et<br>al CEECE |  |  |  |
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|  |      | 6 | 9 | 4 | 9 | 0 | 7 | 2 | September 27, 2005 | Furnish et al<br>CECE         |  |  |  |
|  |      | 7 | 1 | 9 | 0 | 4 | 6 | 4 | March 13, 2007     | Alphonse CEECE                |  |  |  |
|  |      | 7 | 2 | 4 | 2 | 4 | 8 | 0 | July 10, 2007      | Alphonse CEECE                |  |  |  |
|  | 200  | 4 | 0 | 5 | 4 | 2 | 6 | 8 | March 18, 2004     | Esenaliev et al<br>CECECE     |  |  |  |
|  | 200  | 4 | 0 | 7 | 7 | 9 | 4 | 9 | April 22, 2004     | Blougett et al<br>CECECE      |  |  |  |
|  | 2002 | 0 | 1 | 4 | 0 | 9 | 4 | 2 | October 3, 2002    | Fee et al<br>CECECE           |  |  |  |

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|  |      | 5 | 2 | 1 | 4 | 5 | 3 | 8 | May 25, 1993       | Lobb           | CECECECE     |  |  |  |
|  |      | 6 | 2 | 9 | 7 | 0 | 1 | 8 | October 2, 2001    | French et al.  | CECECECECE   |  |  |  |
|  | 200  | 4 | 0 | 7 | 2 | 2 | 0 | 0 | April 15, 2004     | Rigler et al   | CECECECECE   |  |  |  |
|  | 2003 | 0 | 1 | 0 | 8 | 9 | 1 | 1 | June 12, 2003      | Klimant et al  | CECECECECE   |  |  |  |
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|  |      | 5 | 9 | 5 | 5 | 7 | 3 | 7 | September 21, 1999 | Hallidy et al  | CECECECECE   |  |  |  |
|  |      | 7 | 3 | 6 | 6 | 3 | 7 | 6 | April 29, 2008     | Shishkov et al | CECECECECECE |  |  |  |
|  |      | 7 | 3 | 5 | 9 | 0 | 6 | 2 | April 15, 2008     | Chen et al     | CECECECECECE |  |  |  |
|  | 2003 | 0 | 2 | 2 | 0 | 7 | 4 | 9 | November 27, 2003  | Chen et al     | CECECECECECE |  |  |  |
|  | 2004 | 0 | 2 | 3 | 9 | 9 | 3 | 8 | December 2, 2004   | Izatt          | CECECECECECE |  |  |  |
|  | 2005 | 0 | 1 | 7 | 1 | 4 | 3 | 8 | August 4, 2005     | Chen et al.    | CECECECECECE |  |  |  |
|  |      | 7 | 0 | 6 | 1 | 6 | 2 | 2 | June 13, 2006      | Rollins et al. | CECECECECECE |  |  |  |
|  |      | 5 | 3 | 1 | 8 | 0 | 2 | 4 | June 7, 1994       | Kittrell et al | CECECECECECE |  |  |  |
|  | 2007 | 0 | 0 | 1 | 9 | 2 | 0 | 8 | January 25, 2007   | Toida et al    | CECECECECECE |  |  |  |
|  | 2007 | 0 | 2 | 9 | 1 | 2 | 7 | 7 | December 20, 2007  | Everett et al  | CECECECECECE |  |  |  |
|  |      | 7 | 3 | 5 | 5 | 7 | 1 | 6 | April 8, 2008      | De Boer et al  | CECECECECECE |  |  |  |
|  |      | 7 | 3 | 9 | 1 | 5 | 2 | 0 | June 24, 2008      | Zhou et al     | CECECECECECE |  |  |  |
|  | 200  | 6 | 1 | 4 | 6 | 3 | 3 | 9 | July 6, 2006       | Fujita et al   | Ω            |  |  |  |
|  |      | 4 | 8 | 3 | 4 | 1 | 1 | 1 | May 30, 1989       | Khanna et al.  | Ω            |  |  |  |
|  | 200  | 4 | 2 | 6 | 3 | 8 | 4 | 3 | December 30, 2004  | Knopp et al.   | ΩΩΩ          |  |  |  |
|  |      | 6 | 0 | 2 | 0 | 9 | 6 | 3 | February 1, 2000   | Dimarzio et al | ΩΩΩΩ         |  |  |  |

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|-----|--------------|---|---|---|---|---|---|-------------------|----------------------|-------|----------|------------|----|
|     | 9            | 2 | 1 | 6 | 8 | 6 | 5 |                   |                      |       |          | Yes        | No |
|     | 0            | 7 | 2 | 8 | 4 | 4 | 0 | October 1, 1993   | WIPO****             |       |          |            |    |
|     | 0            | 7 | 2 | 8 | 4 | 4 | 0 | August 28, 1996   | Europe*****          |       |          |            |    |
| 200 | 7            | 0 | 2 | 8 | 5 | 3 | 1 | March 15, 2007    | WIPO*****            |       |          |            |    |
| 199 | 8            | 0 | 4 | 8 | 8 | 4 | 6 | November 5, 1998  | WIPO*****            |       |          |            |    |
| 200 | 3            | 1 | 0 | 5 | 6 | 7 | 8 | December 24, 2003 | WIPO*****            |       |          |            |    |
| 200 | 6            | 0 | 3 | 9 | 0 | 9 | 1 | April 13, 2006    | WIPO*****            |       |          |            |    |
|     | 9            | 2 | 1 | 6 | 8 | 6 | 5 | October 1, 1992   | WIPO E               |       |          |            |    |
|     | 1            | 3 | 2 | 4 | 0 | 5 | 1 | July 2, 2003      | Europe<br>CECECECE   |       |          |            |    |
| 200 | 7            | 0 | 8 | 3 | 1 | 3 | 8 | July 26, 2007     | WIPO<br>CECECECE     |       |          |            |    |
|     | 0            | 6 | 1 | 7 | 2 | 8 | 6 | February 16, 1994 | Europe<br>CECECECECE |       |          |            |    |
| 200 | 6            | 0 | 5 | 9 | 1 | 0 | 9 | June 8, 2006      | WIPO<br>CECECECECE   |       |          |            |    |
|     | 7            | 9 | 0 | 0 | 8 | 4 | 1 | October 18, 1979  | WIPO Ω               |       |          |            |    |
|     | 9            | 8 | 0 | 0 | 0 | 5 | 7 | January 8, 1998   | WIPO ΩΩ              |       |          |            |    |

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|  |  | Copy of Notification Concerning Transmittal of Copy of International Preliminary Report on Patentability dated October 13, 2005 for PCT/US04/10152                                         |

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